October 2019 ISSUE NO. 583

The Raleigh Amateur Radio Society's EXCITER

GET INVOLVED

- RARS General Membership meeting: Second Tuesday of the month.
- The RARS net meets every night except Saturday @ 8 p.m. on 146.640.
- The RARS Technical & Trader's net: Saturdays @ 8:00 PM on 146.64.
- RARS meets for a monthly dinner on the First Tuesday of each month.

PUBLIC SERICE EVENTS

Interested in helping? Visit https://www.rars.org/public-service.php

frequently for our 2019 ham public service schedule.

RARS General Meeting

Topic: RARS Officers nominations & Auction

By: Election committee & Carl W8WZ

Date: October 8,2019

Time: Meeting at 7:15PM

Informal gathering and refreshments from 7 - 7:30 p.m.

Where: Ridge Road Baptist Church. 2011 Ridge Rd., Raleigh

New HAM meeting, 6:00 p.m. before member meeting

Tadd Torborg, KA2DEW, New Ham Meeting Coordinator

Click here for more information.

Presidents Comments

By Carl Davis, W8WZ

As we enter the fourth quarter of 2019 we enter the season where the programs at our RARS meetings follow a pattern of tradition. These final three programs of the year also happen to be my favorite.

Every October our program is the auction. Many thanks to N4TL who organizes this effort and to all of the folks who come out to trade their money for gear or their gear for money. RARS makes no money from this event and each buyer and seller conduct their transaction directly once the item is sold at the auction. Please come out and bring some money to buy gear and some gear to sell.

Continued on page 4

RARS Officers

PRESIDENT
Carl Davis
W8WZ
773.949.5243
w8wz@aol.com

VICE PRESIDENT
Tom Lewis
N4TL
N4TL2@yahoo.com

SECRETARY
Tara Goodwin
W4TSW
919.616.0211
taraskirby@gmail.com

TREASURER
Greg Seamster
KE4PAX
919.859.0029
KE4PAX@arrl.net

The Raleigh Amateur Radio Society

The Raleigh Amateur Radio Society, Inc. (RARS) was founded in 1969 and continues to serve and support the amateur radio community in the greater Triangle area. In 1999, the society incorporated a new RARS and obtained 501(c)(3) non-profit tax status.

The objectives of the club are to promote worldwide friendship through amateur radio; to be of public service by providing radio communications in times of disaster, emergency, or civic needs; to educate members in radio technique, and to provide training classes to assist in obtaining amateur radio licenses.

Anyone interested in amateur radio is eligible to apply for membership. Dues for regular licensed amateurs are $18 per year (from July 1 through June 30). Additional immediate family members pay $5 each per year. Dues for licensed amateurs older than 59 or younger than 16 are $12 per year. Dues for non-licensed associate members are $9 per year. Applications for membership may be obtained from the treasurer or on the RARS website (www.rars.org).

Exciter

The Exciter is the official newsletter of the Raleigh Amateur Radio Society. It appears each month as a PDF on the RARS website at www.rars.org. Members receive email notification when the latest version is available. Please provide your email address to the Treasurer.

The Exciter welcomes articles, advertisements, and other contributions. To submit a piece to the newsletter, please contact the Editor. The Editor reserves the right to edit any and all pieces. The submission deadline for each month's Exciter is the Saturday that is ten days before the general meeting. All submissions must be final. Drafts are not accepted.

The views expressed in the Exciter are those of the individual authors and do not necessarily reflect the views of the Editor or RARS.

Tom Lewis, N4TL, editor (editor@rars.org)

For Your Information

RARS General Meeting

Date: Second Tuesday of each month

Location: Ridge Road Baptist Church 2011 Ridge Road Raleigh, NC, 27607

Time: People begin arriving at 7 p.m. The meeting officially begins at 7:30 p.m.

RARS Monthly Dinner

See the box to the right for a different restaurant.

RARS Repeaters in Raleigh

146.640 and 444.525

Join us for the nightly RARS net at 8 p.m. on the 146.640 repeater. All hams holding a Technician class license or higher are invited to check in. We welcome both RARS and non-RARS members to the net.

There is a net Listing on the RARS web-site click here. https://www.rars.org/nets.php

VE Testing

The RARS VEs will accept walk-in testing in February, May, August and November at 5:30PM, prior to RARS membership meetings at Ridge Road Baptist Church; the RARS*fest* in April; the Cary Swapfest in July; the JARS-Fest in November; and following RARS license classes. Please bring a photo ID, your original and a copy of your current license, your $14 exam fee, and any valid CSCEs that prove passing elements beyond that of your current license. Visit https://www.rars.org for more information.

September 2019

RARS Net Monthly Summary

The end of the month came after the Exciter deadline.

They will be published next month

New Restaurant

All members and guests are welcome to the monthly (first Tuesday) RARS Supper, 6:30PM, at the IHOP Restaurant, 7471 Six Forks road, 27615.

Its on the corner of Six Forks road and Sawmill Road, 6:30 PM to 8PM They have a room for us that is to the left when you enter the restaurant.

Informal and Dutch, just bring your appetite and best rag to chew.

73, Chuck, K4HF

Presidents Comments continued

In November we have our annual Show and Tell meeting. This is a very fun meeting. I love seeing all of the interesting projects that our members have built, repaired, designed, worked on or acquired. This is always a very fun meeting.

Then in December, my last meeting as your president, we will celebrate the holiday season together with a pot-luck dinner at our last meeting of 2019. Please come out to this event and bring a dessert or side dish to share.

Fall conditions on 40 meters have already began to arrive with noticeably less QRN and the band going long sooner as darkness comes earlier. I have been able to routinely work into Europe as early as 7 PM over the past few weeks. I hope you will get to spend some time this fall enjoying our great hobby of ham radio in the way of your choosing.

Also, our Technician Licensing classes being on 2 October and run until 6 November. As of 26 Sept we have 17 of the 20 slots filled. This promises to be a great group of new hams and I encourage you to be welcoming to them once they get their tickets and start using our repeaters and showing up at our meetings and club events.

73 Carl, W8WZ

September Membership Meeting, Door Prizes

Nine Door Prizes for the September meeting

Al, N4EII donated a number of them.

September Membership Meeting, Door Prize winners

Left to Right, Tom Schwartz, NC4TS; Asif Rizvi, W4EMD; Sam Robinson, KN4RWI;

Bill Mars, AK4BL; Chuk Gleason, KB4MDZ;

Left to Right, Donald Herring, KJ4DNI; Bob Richards, W4GIA;

Jean Gagnon, W4MGD; John Jaskolka, N4YRD

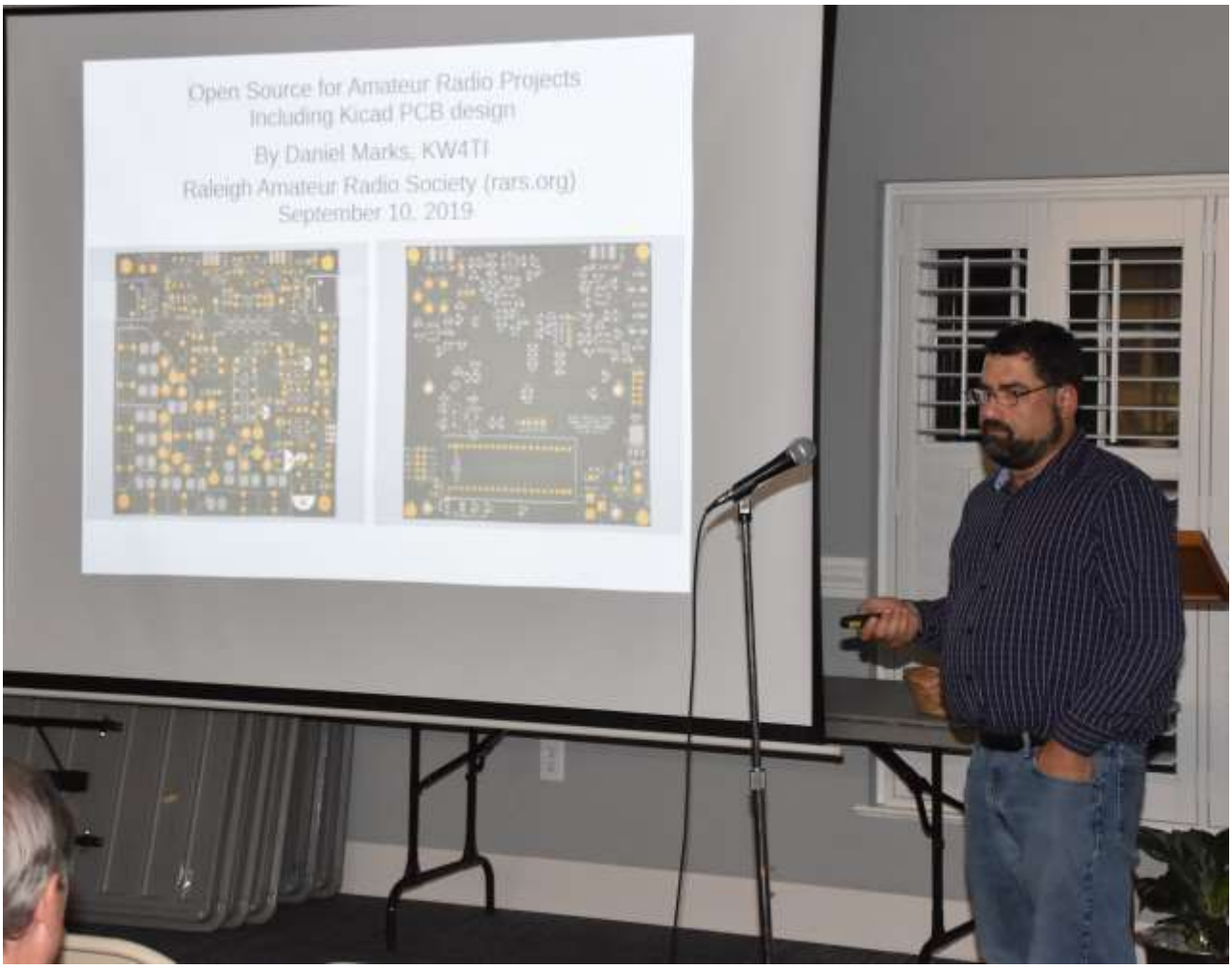
Please let the Exciter editor know if there are any errors with names or calls.

RARS September Membership Meeting

Open Source Design Tools for Amateur Radio

including Ki CAD

By Dan Marks, KW4TI



Dan gave a very interesting presentation about designing and building your own printed circuit boards. The full presentation is on the RARS website. www.rars.org

https://www.rars.org/documents/Open%20Source%20for%20Amateur%20Radio%20Projects_%202019_09.pdf

RARS Birthdays

Kelly	KN4UFV	10/00
David	KN4OBW	10/00
Philip	KD5IPH	10/01
Kathryn	KM4RNE	10/01
Pete	K4PHS	10/02
Dave	K4SAN	10/02
Olivia	KG4IYI	10/02
Jerry	W2GLA	10/02
Jay	KM4EP	10/02
Kevin	WN4KLS	10/04
Kathleen	KA2SBC	10/06
Todd	AG4AY	10/08
Gary	KM4TCT	10/08
Rick	KA3PSK	10/09
Scott	W4JSK	10/10
Gale	K4GGB	10/10
Frank	KY4W	10/11
Pamela	KM4WRN	10/13
John	KI4KEP	10/14
David	WA4DAG	10/14
Mike	K4DRT	10/19
Bob	KN4MRV	10/22
Curt	W4CP	10/23
Chuck	K4RGN	10/27
Lou	W2ROW	10/27
Matthew	KN4VTT	10/28

New Members

Emily Gleason	KK4KZP
Yo Yoon Cho	KD1AB

Everyone is welcome!

11:30 AM every Thursday a group of Hams get together for Lunch at Taco Bell. The address is 7036 E Hwy 64 Knightdale, 27545. 1.2 miles east of I540.

New HAM meeting, 6:00 p.m. before the member meeting

Tadd Torborg, KA2DEW, New Ham meeting Coordinator

The New Hams meeting is held every month before the regular RARS meeting. We'll try to start by 6pm. We try to address topics in a manner that will be of help to hams in their first year of operation.

Tadd Torborg, KA2DEW, talking about FM and repeaters

During the September meeting.

The next meeting will be about coax cables and how to put connectors on them. Tadd will bring a bunch of crimp-on connectors and will make some patch cords. The last time this was done was August 2018

Future Hamfests

A full list of Hamfests can be found at the
ARRL website.

10/12/2019 | W4NC Fall-Fest

Location: Winston-Salem, NC
Type: ARRL Hamfest
Sponsor: Forsyth Amateur Radio Club
Website: http://W4NC.com

10/13/2019 | Maysville Hamfest

Maysville Community Building, 1 block west of Intersection of US 17 and NC 58 (Jones County) Contact: Janice Hopkins, KJ4JPE
Talk-in 146.685 Grifton Repeater 88.5 tone

11/17/2019 | JARSFEST

Location: Benson, NC
Type: ARRL Hamfest
Sponsor: Johnston Amateur Radio Association
Website: http://jars.net

01/11/2020 | W4NC First-Fest

Location: Winston-Salem, NC
Type: ARRL Hamfest
Sponsor: Forsyth Amateur Radio Club
Website: http://W4NC.com

Interesting websites

Plug and Play replacement LEDs. This company has replacement bulbs for the types used in radios, type 47, 51 . Search for BA9s & BA7s LED Bulbs. They are $3.95 each.

https://www.superbrightleds.com/

More Led bulbs at Parts Express. These are a little more then a dollar each.

https://www.parts-express.com/63-volt-warm-white-t3-1-4-bayonet-led-lamp-for-mcintosh-5-pack--070-136

https://www.parts-express.com/12-volt-t10-wedge-led-warm-white-lamps-5-pack--070-138

There is a lot of Tektronix history at this website.

https://vintagetek.org/

They also have original TEK manuals for sale.

This one is not a website but information about mail to and from Helena island.

QSL cards to and from Saint Helena island, ZD7MY

Good day Tom,

Thanks for coming back to me. Today I will go to the Post office to collect the mail as we only had our once a month flight via Ascension Island and that usually brings in the mail from that route. Its a crazy system for receiving overseas mail and that's why its takes weeks and weeks to get here. Mail outgoing from St Helena goes via South Africa once a week, it then goes onto UK to be directed to where it has to go around the world.

73's, Barrie.

Interesting websites continued

New Morse Learning device, morserino.

Learning and practicing Morse code with a multi-functional morserino device

http://www.morserino.info/morserino-32.html

It is open source so you can build your own.

It includes an Echo Trainer feature like the one I did in 2016.

https://www.qsl.net/n4tl/arduino/toplevel.htm

FlexRadio and Raytheon will develop new HF radio based on the Flex-6000.

https://hackaday.com/2019/09/05/ham-radio-company-wins-big/

Future RARS Meeting Topics

Titles, topics, and speakers subject to change.

10/8/2019	RARS Officers nominations RARS Auction	Election committee & Carl, W8WZ
11/12/2019	RARS Officers election and Show and Tell. Bring something of interest in Ham Radio that you would like to show off. Be prepared to talk about it. The time will be limited so everyone can have time to show their item.	Election committee & members
12/10/2019	RARS pot luck Holiday party. Sign up at the RARS website. RARS Officers induction.	Election committee

https://www.rars.org

Public Service

There are Public Service Events that you can help with each month.
Click on this link and you can see what ones are coming up.
www.rars.org/public-service.php

ARRL Public Service News.
http://www.arrl.org/public-service

2019 Le Tour de Femme
October 12, 2019 - Saturday - Holly Springs, NC
This women's only bicycle event features 15, 31 and 62 mile routes that benefit REX Hospital Angel Fund and the Kay Yow Cancer Fund. SAGS and Rest Stop Hams are needed.
* Location: Carolina Brewing Company, 140 Thomas Mill Rd., Holly Springs, NC 27544
* Ham Coordinator: John Stone (K3RHJ)
* Website: Le Tour de Femme
* TO VOLUNTEER, CLICK THE BUTTON BELOW

Sign up for this event

2019 Fall Rally
October 20, 2019 - Sunday - Holly Springs, NC
This bicycle event features 22, 39, 52 and 72 mile routes that benefit the National MS Society. SAGS and Rest Stop Hams are needed.
* Location: Carolina Brewing Co., 140 Thomas Mill Rd., Holly Springs, NC 27544
* Ham Coordinator: John Stone (K3RHJ)
* Website: NCBC Fall Rally
* TO VOLUNTEER, CLICK THE BUTTON BELOW

TO VOLUNTEER, FILL OUT THE FORM AT www.rars.org/public-service.php

RARS Classifieds

Copied from https://www.rars.org/classifieds.php

The items below were listed within the last 30 days on the RARS website.

COLLINS (MILITARY) R-390A HF RECIEVER with Manual & Covers, Refurbed
Posted September 26th, 2019 by: KI4RK
Contact: ki4rk@arrl.net
INCLUDES TOP AND BOTTOM ALUMINUM COVERS, LINE CORD AND HARD TO FIND NEW ANTENNA CONNECTOR ADAPTER. S/N 673. Some knobs need paint and are in bare metal condition HAS NEW CAN CAPACITORS FROM HAYSEED HAMFEST. ALL TUBES TESTED, BASIC ALIGNMENT DONE. IN GOOD WORKING CONDTION. VG. WITH MANUAL & UG-970 Type Twinax Antenna type connector adapter to BNC Female. 93 LBS SHIPPING WEIGHT, $395.
I am near Goldsboro but can meet you with the receiver or take it to the RARS Auction on

October 8.

Kirk Ellis KI4RK 919-273-1981 mobile.

SteppIR 3 element yagi antenna with rotor, rooftop tower, and controller. $1395
Posted September 23rd, 2019 by: KM4EP
Contact: jdiepenb@earthlink.net
SteppIR 3 element yagi antenna. Two years old, with rotor, roof mount six foot tower, and SteppIR SDA 100 Antenna controller.
From the estate of AB2KX (SK). Located in Poughkeepsie, NY. It's on the ground, but needs some disassembly for transport. Asking $1395

For more information, contact Jay KM4EP, 919-781-2682

Icom IC-V8000 VHF FM Transceiver
Posted September 11th, 2019 by: W4TTX
Contact: rstarkenburg@nc.rr.com

This gently used VHF transmitter delivers 75 watts of output (75/25/10/5 watts selectable). It has Weather Alert and Weather Channel Scan features. It has a fully customizable memory system. A

total of 207 channels (in ten banks) are supported (including 1 call channel and 6 scan edge channels). Each memory is alphanumeric and stores a 6 character name, tone frequency, skip info and more. The V8000 supports three types of scanning.

The supplied HM-133V remote control mic controls everything in the palm of your hand. Icom's Hot Keys lets you program the features that you use the most. The bigger backlit keys allow you to operate in low light conditions. This radio is supplied with: HM-133V remote hand mic, V8000 MMB mobile mounting bracket, and mic clip.

Price: $150

Yaesu FT-8900R Quad band mobile
Posted September 11th, 2019 by: KT4EM
Contact: rwphile@gmail.com

FT-8900R mobile radio with separation kit, manual, ADMS programming software(transferable) and cable, and Diamond CR8900A antenna. Radio purchased 10/2018. Antenna purchased used. All in great working condition. I don't use it so selling it. All for 375.00.

R-390/URR Receiver
Posted September 9th, 2019 by: N4BRS
Contact: mike.oatsvall@gmail.com

Collins R-390/URR receiver in non-working condition. It was working 20 years ago when it was stored but not now. It needs somebody with more abilities and time than me to resurrect it.
Text or call 919-946-0794
$250

SHOULD THE SCIENTIFIC UNIT, CYCLES PER SECOND, HAVE BEEN RENAMED?

Scientific Lore by Howard A. Goodman, N4KYW

Back in the 1950s, when I got into ham radio the standard accepted unit for **frequency** was **cycles per second**. For higher frequencies it was kilocycles per second. For even higher frequencies it was megacycles per second.

It had been no problem for me to grasp the concept of frequency. Having been introduced to charts and graphs in high school, I already knew what a *cycle* was. Likewise, the unit of time known as a *second*.

But the scientific community could not leave well enough alone. Earlier, they had named many of the basic terms for a lot of other scientific units of measure to honor scientists. Eventually, the tradition caught up with the unit of frequency as well.

In 1930, the Système International d'Unité (SI) unit, hertz (Hz), was established in honor of Heinrich Hertz, a German physicist and pioneer in the study of electromagnetic waves, by the International Electrotechnical Commission for frequency, an expression of the number of times that a repeated event occurs during the space of one second.

In France, this new unit name was adopted in 1960, officially replacing its traditional name. However, I don't recall 'hertz' coming into common use in the U.S. until well after I graduated college in 1965. One hobby magazine, Electronics Illustrated, declared their intention to stick with the traditional units.

Is it just me? I find it particularly insidious when a compound or fractional unit of measure, such as cycles/second, is replaced by a single, non-related word, in this case a proper surname. The reason is that, in renaming the scientific unit of frequency to hertz the two defining units (cycles and second) become masked forever, rendering it unnecessarily more difficult for someone to grasp the concept.

Just imagine, for example, a high school physics teacher trying to introduce their students to the concept of frequency. They might begin with…

"The unit of frequency is called 'the hertz.'"

One of the students who happens not to be playing with his cell phone at that moment would certainly be prompted to ask, "What's a hertz?"

Whereupon the physics teacher would reply with, "One cycle per second," reverting right back to the original self-descriptive basic unit names!

Not to disparage old Hank, but his surname alone does nothing to reveal the actual meaning of the unit of frequency. Rather, it adds another layer of cloudiness in the path to learning. The above is but one example. How many others exist out there?

All this can be summed up by the following perennial observation of mine:

"Man is perhaps the only animal on the face of this earth who possesses the innate ability to make life more complicated for himself."

Answers on the last page

Minutes

Raleigh Amateur Radio Society

Members Meeting

Date | time 09/10/2019 @ 7:30pm | *Meeting called to order by* Carl Davis (W8WZ)

Membership Meeting

The monthly membership meeting of the Raleigh Amateur Radio Society met at the Ridge Road Baptist Church in Raleigh. The meeting was called to order by President Carl Davis (W8WZ), at 7:30 pm.

The pledge of Allegiance was recited

Approval of Minutes

A quorum was present and the August minutes were approved.

Continuing Announcements

The RARS dinner takes place monthly on the first Tuesday of the month at 6:30p.m. at the IHOP – Celebration at Six Forks, 7471 Six Forks Road, Raleigh.

The next board meeting, which is open to all our members, will be Tuesday October 15th at 7pm in the church conference room.

Tonight's after-meeting gathering, for any who are interested, will be at the Rudinos at 3101 Edwards Mill Rd, Raleigh.

A new ham/Elmer's meeting with new hams, and anyone interested, takes place before each membership meeting at 6pm at the Ridge Road church and presented by Tadd (KA2DEW)

Before this meeting Tadd presented a number of topics including repeaters, receiver desense and FM prop-

agation.

Door Prizes

There were 9 winners in our door prize drawing.

Tom Schwartz (NC4TS), Asif Rizvi (W4EMD), Sam Robinson (KN4RWI), Bill Mars (AK4BL), Chuk Gleason (KB4MDZ), Ronald Herring, (KJ4DNI), Bob Richards (W4GIA), Jean Gagnon (W4MGD), John Jaskolka (N4YRD)

Vice President Report/Exciter Chair-Tom N4TL

Tom announced that the October meeting will include nominations for the open RARS officer positions.

He also reminded the club that the auction will be in October.

The meeting for November will feature the annual Show and Tell.

Tom introduced the nights program presenter, Dan Marks, who did an excellent presentation of Open Source for Amateur Radio and an introduction to Kicad, PCB modeling software.

Treasurer's Report-Greg KE4PAX

No Report

For those interested in official Treasurer report can contact Greg (KE4PAX)

Secretary's Report-Tara W4TSW

No Report

Board and Committee Reports

Education Director - (Carl W8WZ) Carl announced that the fall Technician License class has 12 stu-

dents pre-registered. The first class will be October 2nd. We are partnering with the Wake Co. adult education program. There is a link on the RARS home page to register for the class.

Field Day Chair - (Bob W4TTX) Bob reiterated what a great Field Day we had this year. He also made mention of how in the wake of hurricane Fran, Jim and Beth Carroll offered their farm for us to use for Field Day after the loss of our usual location.

Net Manager - (Virginia NC4VA) Virginia announced that the nets are running smoothly. Net control operators are doing a great job of filling in for each other when the need arises.

Board and Committee with No Report

Public Service - John K3RHJ

Food Service - Richard N1FUA

ARRL Liaison - Chuck K4HF

Youth Director - Murray K4MHM

Past President - Dennis NC4DK

ARRL Section Manager - Karl W4CHX

Webmaster - Hank K4HM

W4DW/W4RNC Trustee - Jeff AC4ZO

Director at Large - Alan AB4OZ

Director at Large - Joanne AA3N

FM Repeater Chair – Chuck W3WZN

Public Information Officer – Tara W4TSW

NCQSO Party Chair - Marty W4MY

RARSfest Chair-Tara W4TSW

Old Business

New Business

Additional Business/Comments/Announcements

Carl Davis noted that membership renewal dues can be paid to Joanne Mars (AA3N) at the sign-in table.

Meeting was adjourned at 9:05 pm

Next Meeting

10/10/2019, 2011 Ridge Road at 7:30 pm.

Respectively submitted by Mark Kilmer(KM4JRH)

Minutes

Raleigh Amateur Radio Society

Board Members Meeting

Date | time 06/18/2019 @ 7:00 pm | *Meeting called to order by* Carl Davis W8WZ

In Attendance

9 Members

Carl Davis - W8WZ

Tom Lewis - N4TL

Alan Pitegoff - AB4OZ

Chuck Littlewood - K4HF

Richard Kroeger - N1FUA

Tara Goodwin – W4TSW

Robert Starkenburg W4TTX

Greg Seamster – KE4PAX

Joanne Mars – AA3N

Approval of Minutes

Quorum present. May minutes were approved.

President Report-Carl W8WZ

The budget was approved at the May member meeting.

Vice President Report/Exciter Report-Tom N4TL

Dave Wood was to present at the July club meeting, but had to cancel. He will be rescheduled some time next year.

Treasurer's Report-Greg KE4PAX

Greg reported that we currently have 422 members. The repeater fund requirements have been finalized by Chuck DeCourt and money from the budget has been allocated.

For more detailed information regarding Greg's Treasurers report please contact KE4PAX

Secretary's Report -Tara W4TSW

No Report

Committee Reports

Education Director-Carl Davis W8WZ: Carl announced that we have 2 students already pre-registered for the fall Technician class. Flyers are ready and were passed out at last months club meeting and will be provided at Field Day. An instructor is needed to teach the Rules and Regulations class. This class will be a part of the Lifelong Learning Program through Wake Co. Public Schools. The class location is Sanderson High School at 5500 Dixon Dr. in Raleigh. Questions about having General and Extra classes have come up. Carl brought up the idea of having a one-on-one tutoring program for those people, rather than a formal class which has not been very successful in the past.

Field Day Chair-Bob W4TTX: Bob reported that all plans for Field Day are in place, including food service and the visitors tent. Ron Moran will have a solar system set up for 20m voice. We will be registered as an 8A club.

Food Service Chair-Richard N1FUA: Richard gave details for the RARS provided food arrangements and indicated that all plans are in place.

Net Manager-Virginia Enzor NC4VA: Virginia reported that the nets are going well. She also gave praise and expressed appreciation for the net control operators, who are doing an excellent job standing in for one another when the need arises, to keep the nets running smoothly.

ARRL Liaison-Chuck K4HF Chuck reports that we are still waiting to see if we are awarded the Roanoke Division Convention for the 2020 event.

Director-at-Large-Alan Pitegoff AB4OZ: Alan noted that the approval process has begun for the work to be done on the 146.640 repeater. The A/C has been replaced and the controller software has been updated for the Bayleaf repeater.

Director-at-Large-Joanne Mars AA3N: Joanne reported that having membership dues payments available at the sign-in table went well. Carl Davis will have additional membership forms printed to be placed at the table.

Webmaster-Hank Montgomery- K4HM: In Hank's absence, Carl reported that Hank and Fin Gold (NC4FG) are working together on plans to upgrade the RARS website.

Non Reports

Public Service Director-John Stone K3RHJ:

Public Information Officer-Tara Goodwin W4TSW:

FM Repeater Chair-Chuck DeCourt W3WZN:

RARS*fest* Chair-Tara W4TSW:

NC QSO Party Chair-Marty Young W4MY:

Director-at-Large-Robert Walker K4WWR:

W4DW/W4RNC TRUSTEE-Jeff Wittich, AC4ZO

RARS VE Coordinators-Joe (WA4GIR) and Liz(KO4CK) White: Report Annually

Youth Director- Murray Merner K4MHM:

ARRL NC Section Manager-Karl Bowman W4CHX:

Immediate Past President-Dennis Keith NC4DK:

Old Business

No old business.

New Business

Carl suggested forming a committee to set up the room prior to club meetings. Joanne offered the idea to make an announcement at the club meetings and a request be put in the Exciter. Carl will follow through.

Carl also suggested having a volunteer be present at the VE sessions to greet people taking the exam and invite them to our club meeting afterwards. Bob Starkenburg added that it would be a good idea to have signs in the hall explaining the free membership to those who passed the Technician exam and that those under 18 could have the club pay their exam fee.

The idea of a club sponsored event be held such as a BBQ or a "Fun Day" where people could bring their "Go Kits" if they want, and possibly have an informal contest.

Additional Business/Comments/Announcements

None offered.

Next Meeting

07/16/2019, 2011 Ridge Road at 7:00pm

Meeting was adjourned at 8:40pm

Meeting Minutes submitted by Mark Kilmer, KM4JRH

Minutes

Raleigh Amateur Radio Society

Board Members Meeting

Date | time 07/16/2019 @ 7:00 pm | *Meeting called to order by* Carl Davis W8WZ

In Attendance

7 Members

Carl Davis - W8WZ

Tom Lewis - N4TL

Alan Pitegoff - AB4OZ

Chuck Littlewood - K4HF

Richard Kroeger - N1FUA

Robert Starkenburg - W4TTX

Marty Young – W4MY

1 Guest

Mark Kilmer - KM4JRH

Approval of Minutes

No minutes to approve.

President Report-Carl W8WZ

No report.

Vice President Report/Exciter Report-Tom N4TL

The next club meeting will be "What Makes FT-8 Work", presented by Chuck Till. (K4RGN) The October meeting is the RARS Auction, followed in September with "Show and Tell". The deadline for the next Exciter submissions is August 03.

Treasurer's Report-Greg KE4PAX

In Greg's absence, Carl reported that we currently have 318 members, with another 117 who have not yet renewed membership.

For more detailed information regarding Greg's Treasurers report please contact KE4PAX

Secretary's Report -Tara W4TSW

No Report

Committee Reports

Education Director-Carl Davis W8WZ: Carl announced that the Fall Technician class has been posted on the ARRL website. Background checks on the instructors are complete.

Field Day Chair-Bob W4TTX: Bob reported that Field Day was very successful. Numbers are not in yet. He also suggested the possibility of a Winter Field Day.

RARS VE Coordinators - Joe (WA4GIR) and Liz(KO4CK) White: Will be out of town, but will find a replacement VE for the Technician class exam.

Webmaster-Hank Montgomery- K4HM: Hank reported that Fin Gold (N4CFG) will be working together on the RARS website.

Non Reports

Public Service Director - John Stone K3RHJ:

Public Information Officer - Tara Goodwin W4TSW:

FM Repeater Chair - Chuck DeCourt W3WZN:

RARS*fest* Chair - Tara W4TSW:

Food Service Chair - Richard N1FUA:

NC QSO Party Chair - Marty Young W4MY:

Net Manager - Virginia Enzor NC4VA:

ARRL Liaison - Chuck K4HF:

Director-at-Large-Alan Pitegoff AB4OZ:

Director-at-Large - Robert Walker K4WWR:

Director-at-Large - Joanne Mars AA3N:

W4DW/W4RNC TRUSTEE - Jeff Wittich AC4ZO:

Youth Director - Murray Merner K4MHM:

Immediate Past President - Dennis Keith NC4DK:

ARRL NC Section Manager - Karl Bowman W4CHX:

Old Business

Nominating Committee

Signs for meeting location

New Business

The nomination committee will be appointed at the next board meeting.

Additional Business/Comments/Announcements

None.

Next Meeting

08/20/2019, 2011 Ridge Road at 7:00pm

Meeting was adjourned by Carl Davis

Meeting Minutes submitted by Mark Kilmer, KM4JRH

Minutes

Raleigh Amateur Radio Society

Board Members Meeting

Date | time *08/20/2019* @ 7:00 pm | *Meeting called to order by* Carl Davis W8WZ

In Attendance

6 Members

Carl Davis - W8WZ

Alan Pitegoff - AB4OZ

Chuck Littlewood - K4HF

Richard Kroeger - N1FUA

Joanne Mars – AA3N

Murray Merner - K4MHM

2 Visitors

Ken Latchum - AD4GX

Mark Kilmer - KM4JRH

Approval of Minutes

Quorum not present.

President Report-Carl W8WZ

No report

Vice President Report/Exciter Report-Tom N4TL

No report

Treasurer's Report-Greg KE4PAX

In Greg's absence, Carl gave the report based on e-mail from Greg. Membership is down from 424 to 326. 110 members have not yet paid dues. We have $750.00 in the 50/50 fund.

For more detailed information regarding Greg's Treasurers report please contact KE4PAX

Secretary's Report -Tara W4TSW

No Report

Committee Reports

Education Director-Carl Davis W8WZ: Carl announced that we have 12-15 students already pre-registered for the fall Technician class. Class information is now on the ARRL website. Murray Merner (K4MHM) has volunteered to teach the Rules and Regulation session.

Director-at-Large-Alan Pitegoff AB4OZ: Alan and Chuck DeCourt are working with Tadd (KA2DEW) to resolve a noise issue on the .525 repeater. Alan also suggested that a repeater etiquette article be put in the Exciter.

Director-at-Large-Joanne Mars AA3N: Joanne indicated that we are running short on club patches. Murray will look into ordering more. Need to place a sign on the table letting meeting attendees that patches are for sale at a cost of $4.00.

Youth Director- Murray Merner K4MHM: Murray has discovered that the Occoneechee council BSA has a HAM club and has requested an article in the Exciter. He will investigate the possibility of RARS doing some activity with JOTA.

Non Reports

Public Service Director-John Stone K3RHJ:

Public Information Officer-Tara Goodwin W4TSW:

Field Day Chair-Bob W4TTX:

FM Repeater Chair-Chuck DeCourt W3WZN:

RARS*fest* Chair-Tara W4TSW:

Food Service Chair-Richard N1FUA:

NCQP Chair-Marty Young W4MY:

Net Manager-Virginia Enzor NC4VA:

ARRL Liaison-Chuck K4HF Chuck:

W4DW/W4RNC TRUSTEE-Jeff Wittich, AC4ZO

RARS VE Coordinators-Joe (WA4GIR) and Liz(KO4CK) White: Report Annually

Webmaster-Hank Montgomery- K4HM:

ARRL NC Section Manager-Karl Bowman W4CHX:

Immediate Past President-Dennis Keith NC4DK:

Old Business

Need a sign to let new licensees know that if they are new HAMS they are entitled to a free RARS membership. Carl will follow up.

New Business

The elections nominating committee was selected. The committee includes Alan Pitegoff and Carl Davis with Chuck Littlewood as chair.

Additional Business/Comments/Announcements

Ken Latchum (AD4GX) has volunteered to be present at the VE sessions to greet people taking the exam and invite them to our club meeting afterwards. Ken will also explain the free membership to those who passed the Technician exam and inform those who pass and are under 18 that the club will cover their exam fee.

Next Meeting

09/17/2019, 2011 Ridge Road at 7:00pm

Meeting was adjourned at 8:49pm

Meeting minutes respectively submitted by Mark Kilmer, KM4JRH